

Notice of Allowability

Application No.

09/823,876

Examiner

Peter Poltorak

Applicant(s)

THOONE ET AL.

Art Unit

2134

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on 7/26/06 and a telephone communication with Richard Speer on 9/26/06.
2. ☒ The allowed claim(s) is/are 1-3, 6-21, 23-25 and 27-33.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

1. This Office Action is in response to Applicant's amendment filed on 7/26/06.

Examiner Amendment

2. An Examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to Applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the Issue Fee.

The following changes were authorized (and permission to make same by Authorization for this Examiner's Amendment was given in a telephone interview with Richard Speer on 9/26/06 and with Nathan Hamstra on 9/29/06).

3. Please cancel claims 10-11, 22, 26 and 34-45, and replace claims 1 and 24 as follows:

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1. A motor vehicle navigation or multimedia computer system comprising:
a central processor with associated memory and a manual input unit;
an output unit and a reader for a bulk storage medium, wherein the navigation or multimedia system also has means for checking authorized use of each of the bulk storage medium and a selected file from a group of files on the bulk storage medium;
a file management system which is designed to compare an access authorization identifier to enable access to the selected file from a group of files, calculated from a

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code entered using the manual input unit with access authorization identifiers for the files stored on the bulk storage medium; and

a means for unscrambling an access authorization identifier entered in scrambled form;

~~wherein the computer system is adapted for use in a motor vehicle.~~

means for calculating a key (k) ~~for~~ decrypting an encrypted file from a first code (PIN) stored on the storage medium, entered in scrambled form, and a stored device identifier; and

means for calculating the access authorization identifier (AC) from a second code (ACW), entered in scrambled form using the key (k).

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24. A method for enabling access to a selected group of files which are a subset of files stored on a storage medium comprising the steps of:

calculating a key (k) with a device identification number (ID), wherein the device identification number (ID) is for the storage medium, and a first scrambled code (PIN) by a motor vehicle computer system;

generating an identifier (AC) with the key (k) and a second scrambled code (ACW) entered manually for the selected group of files which are to be enabled; and

enabling access to the selected group of files provided with the generated identifier ~~for~~ use used by the computer system;

wherein the storage medium is adapted for use in used by the computer system;

wherein the selected group of files is encrypted using the key (k) and is decrypted for use by the computer system using the key (k).

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Examiner's Statement of Reasons for Allowance

4. Claims 1-3, 6-9, 12-21, 23-25 and 27-33 are allowed.

The following is a statement of reasons for the indication of allowable subject matter.

5. Applicant invention is directed towards calculating a key (k) with a device identification number (ID) and a first scrambled code (PIN) by motor vehicle computer system, generating an identifier (AC) with the key (k) and a second scrambled code (ACW) entered manually for the selected group of files which are to be enabled; and a file management system which is designed to compare an access authorization identifier to enable access to the selected file from a group of files provided with the generated identifier, wherein the selected group of files are encrypted using the key (k).
6. The closest prior art Cane (U.S. Patent No. 5416840) discloses a network computer system comparing an access authorization identifier entered using the input unit with access authorization identifiers for the files stored on the bulk storage medium and means for calculating a key (k) decrypting an encrypted file from a first code (PIN), entered in scrambled form, and the stored device identifier (ID), and means for

calculating the access authorization identifier (AC) from a second code (ACW) entered in scrambled form, using the key (k).

7. Cane does not only disclose that the computer system is a motor vehicle computer system but also fails to disclose that the second scrambled code (ACW) is entered manually.

The prior art, fails to anticipate or fairly suggest the limitation of applicant's independent claims, in such a manner that a rejection under 35 U.S.C. 102 or 103 would be proper. As a result the claimed invention is considered to be in condition for allowance as being novel and non-obvious over prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on statement of Reasons for Allowance".

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peter Poltorak whose telephone number is (571) 272-3840. The examiner can normally be reached from Monday through Thursday from 9:00 until 5:00, and every other Friday from 9:00 until 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jacques Louis Jacques can be reached on (571)272-6962. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300. Any inquiry of a general nature or relating to the status of this application or

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proceeding should be directed to the Group receptionist whose telephone number is
(571) 272-1600.

A handwritten signature in black ink, appearing to be 'G' followed by a stylized flourish.

9/29/06

A handwritten signature in black ink, reading 'Gilberto Jr.' with a stylized flourish.

GILBERTO BARRON JR.
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100